≈SmartMED

17:06
CPAP
15
iPR 2
SpO2 98
PR 70
4.0 cmH2O
Pressure 6.0 cmH2O
E-COMP OFF

DEC. 2018

SmartMed iDisc Series

Premium & Portable in one Package

≈SmartMED

The Ultimate
CPAP Device

Innovation that excites

The iDisc premium CPAP package is the only high-performance all-around PAP solution in the world.

The relentless pursuit of perfection & care has brought quality & portability together.

Innovation that performs

The iDisc is a unique circular PAP device designed to perform with optimum quality therapy, for the most comprehensive sleep and respiratory disorders. The iDisc family introduces the first, CPAP, APAP with the intelligent REG algorithm and detailed reporting platform.

Transforms from Premium to Portable with one click

Home mode

Sophistication & Performance

Ergonomics

Connectivity

iDisc

Series PAP

iDisc

SmartMED

TGA Health Safety Regulation | ISO | CE | FDA | TÜV SÜD | TÜV Rheinland

Weighs only
680g

Multi-night iDisc
Battery (Optional)

4G connected

Smart Phone App

Sharp & responsive
colour touch screen

Intelligent Pressure
Release

Auto start/stop

On screen sleep
report

Transforms from Premium to Portable with one click

We care therefore we think

We understand the need for quality and humidification in a premium everyday PAP device as well as the need to downsize and power up when travelling. Whether the trip is for business or pleasure, the iDisc easily transforms from a premium everyday machine to a portable 'Pack & Go' solution.

Transformation with ease

One click of a button releases the iDisc from the home humidifier dock and converts it into a compact portable device to simply 'pack & go' without needing to worry about carrying additional bulky CPAP luggage. For complete freedom off the grid, lock in the iPower battery disc for up to 12 hours of CPAP therapy .
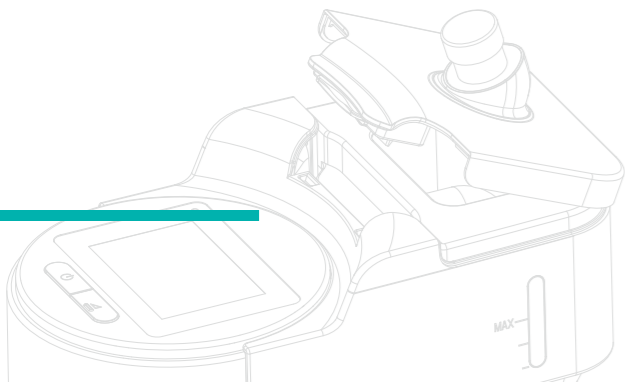
Home mode

"Away is freedom, Home is comfort"

With quality humidification & heated tube technology, a synchronised breathing algorithm and a noise level of only 26db, There's nothing like the tranquil feeling of home.

iHush Intelligent Sound reduction system

Portability has always been a compromise with greater noise levels on smaller devices. When using the iDisc in travel mode, the iHush muffler helps to further reduce noise levels to minimize partner disturbance when camping and travelling.
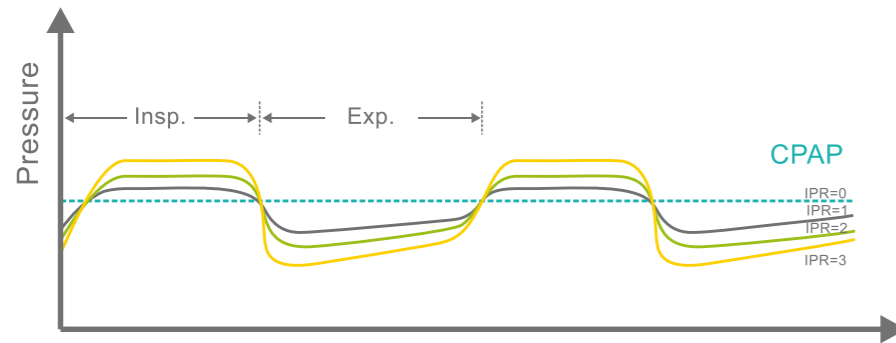
Intelligent Humidification System iHs

iDisc series home humidifier doc is designed with a great length of care which is both simplistic and technologically advanced. Simple because it's easy to access and clean. Technologically advanced because it continuously monitor the water levels. The iHs will alert the user when the water levels are low to avoid any discomfort from dry air. The humidifier will also deactivate the heater plate automatically when the water tank has been fully depleted.

Sophistication & Performance

UI Responsive Touch Screen Technology

The high quality touch screen featured on the iDisc series brings class and ease of use to the device. The colour screen is touch sensitive and very easy to navigate. The device features comprehensive 'on-screen' sleep reports including central & RERA event detections as well as CSR.

IPR

Intelligence Pressure Release iPR is to give patients experience of natural breathing without forced exhalation. There are 3 iPR levels to meet the individualised requirement. Therefore, iPR generates an incomparable comfort during inspiration & expiration.
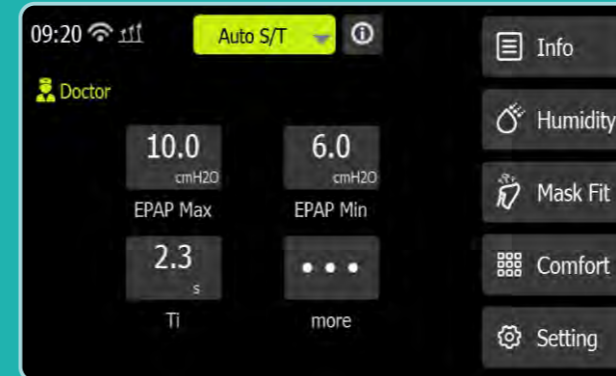
REG

The REG Algorithm revolutionized the new treatment methodology by continuously monitoring, analysing, adjusting and treating respiratory events during sleep. (AHI, OAI, CAI, HI, SNI, FL, RERA, PB, etc), Such sophistication will ensure a synchronised and optimal therapy pressure, based on its intelligent feedback PAP delivery technology.
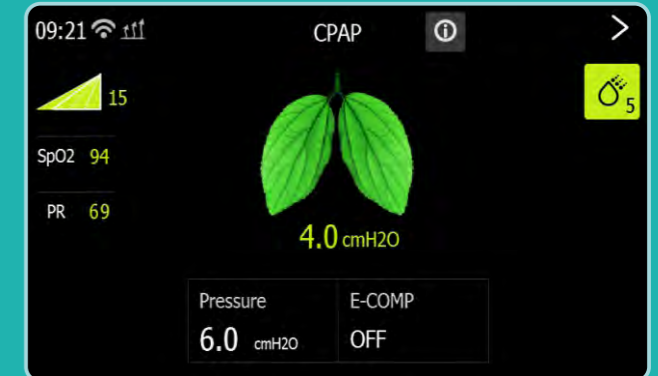
Navigation

Clinical Menu – Easy to access and adjust – Comprehensive sleep reports on screen.

Patient Menu – Beautiful colour screen and graphics for those that like to explore. – Automatic start for those that just want to breathe and sleep..

Clinician's view: informative & supportive

Patient's view: intuitive & clear

Ergonomics

Compact body, with cutting edge technology

All design aspects of this device have been carefully considered. From the small circular PAP device and circular battery in 'Travel mode', to the single button locking system in the home humidifier dock, textured braille style buttons, rotatable cpap tube swivel connection and an easy to clean & fill chamber when using the device in 'Home mode'.
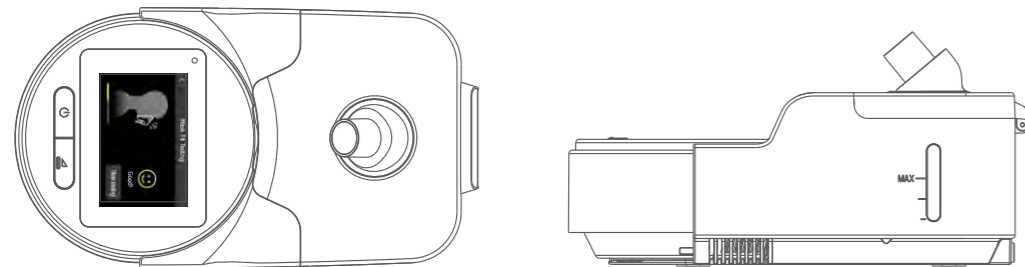
Choose your Platform

Disc Portable – iDisc 4G device (Travel Mode)

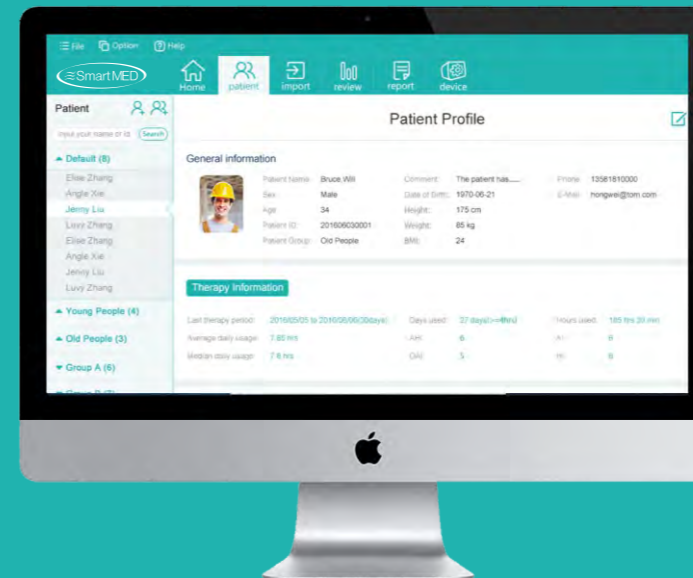iDisc Hybrid – iDisc 4G device & Humidifier / heated tube (Home Mode)

Optional – iDisc PowerUp (iDisc circular battery pack)

All combinations come with travel bag, tube, PSU, filter, 4G internal modem, manuals

iDisc
Series PAP

Connectivity

Patient-centric Cloud access

With 4G integrated wireless modems or Wifi/Bluetooth integrated modules, the iDisc easily connects to the iMatrix cloud based management system. This is a secure and central data gateway provided by SmartMed. Detailed patient therapy reports and detailed data can be accessed and viewed by clinicians and the individual patient. An optional wireless SpO2 monitoring system is also a able to be integrated as an overlay on patient data for a more comprehensive picture designed to assist physicians.

4G

iMatrix

iMatrix cloud

iMatrix ™

Connect with smart phone / tablets will maximize the convenience.

You can obtain the overall perspective of patients' data from your PC.

Web end offer the most flexible scheme for data management.

iDisc
Series PAP

Download on the App Store

Google play

Specification

Type		CPAP	APAP
	Model	20C	20A
Modes	CPAP	●	●
	APAP	-	●
	S	-	-
	auto S	-	-
	T	-	-
	S/T	-	-
	auto ST	-	-
Basic info.	Screen size/inch	3.5	3.5
	Touch screen	●	●
	Dimension (w/o humidifier)/mm	270*152*140	
	Dimension (w/ humidifier)/mm	Φ150*H68	
	Weight (w/o humidifier)/g	1620	
	Weight (w/ humidifier)/g	680	
	Pressure range/cmH$_2$O	4−20	4−20
Value added function	Parameter monitoring	●	●
	Event detection	●	●
	Auto Ramp	●	●
	IPR	●	●
	Altitude compensation	●	●
	Leakage compensation	●	●
	Circuit compensation	●	●
	Mask fit	●	●
	Auto illumination	●	●
	Auto ON/OFF	●	●
	Water level monitoring	●	●
	Auto humidification	●	●
	Pre−heating	●	●
Data management	Data storage/year	1	1
	Cloud data service	○	○
	4G modem	○	○

● Standard
○ Optional
- Not available

Ordering

Optional accessories	Description	Part number
Unit	iDisc 360 Portable PAP Device	IDSC20A
Tube	Std 15mm	i3601
	Std 19mm	i3602
	iTube - Heating tube (Integrated)	i3603
Humidification	iHs - Humidifier Water chamber	i3604
	iHME - Water less humidifier (HME)	i3605
	iDisc 360 Hybrid (iDisc with Humidifier Dock & Heated Tube)	IDSC20AHYB
Silencer	iHush - Silencer (w/o humidifier)	i3606
Filter	iDisc Air filter (12pck)	i3607
Connection module	iConnect - WIFI & blue tooth module	i3608
	iConnect 4G Cellular module	i3609
Battery	iPower- Battery (6600mAh) /12h battery backup	i36010
Power adaptor	iPSU travel - 36 Watt, 100-240VAC, 50/60Hz	i36011
	iPSU home - 65 Watt, 100-240VAC, 50/60Hz	i36012
	iDC- Vehicle charger	i36013
Carrying solution	iHCase- Hard case (for main unit)	i36014
	iSCase - Portable accessories case	i36015
	iCBag - Comprehensive travelling bag	i36016

Battery

Tube

Heating Tube

Water chamber

Silencer

Hard case

Accessories case

Carry bag